

ID :629 9 mtr Span Box Culvert _ _ _ _ _

on Chainage 41.200 of Sardarnagar Bajpur Keshowala Bannakhera Bailpadav Kotabag Kaladungi state highway

In District Udham Singh Nagar Under CD Ramnagar Division

Bridge Inventory Report

Division: CD Ramnagar

Data not-yet finalized

General

Name of Division : 11

Revenue Block Name : 85

Chainage (at Mid Point) : 41.200

Road/ Segment Name : 91

Bridge Type : Motor Bridge High Level

Structure No : 42/1

Feature Intersected : Local Nala

Name of Bridge : 9 mtr Span Box Culvert

Nearest Town : Kaladhungi

Latitude (Northing) : 29.26567500

Longitude (Easting) : 79.15904900

Construction Year : 2021

Inventory Year : 2021

Geometric

Overall length (in meter) : 9.00

Total No of Span : 1

Maximum Span (in meter) : 9.00

Span Arrangement : 3x4m

No of Lane : 2.000

Overall Width (m) : 10.400

Carriageway Width (m) : 10.400

RS Footpath Width (m) : 1.700

LS Footpath Width (m) : 1.700

Approach Width i/c Shoulders (m) : 7.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level :

OFL Ordinary Flood Level :

LWL Low Water Level :

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

Pier Foundation Type : other

No of Piers : 4

Abutment Type : RCC Box type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : no protection work provided

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : no protection work provided

Bank Protection Right Side of Down-stream : no protection work provided

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AEE :

